

Amendments to the Claims:

This listing will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

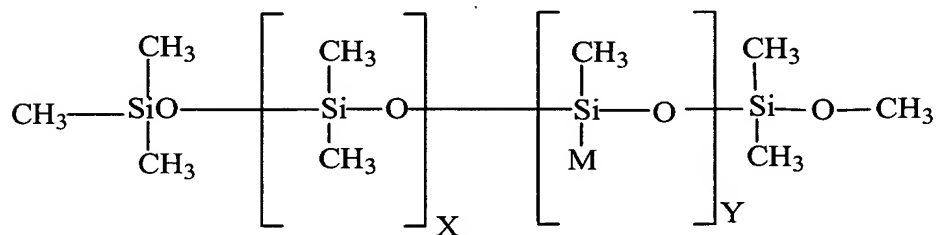
1. (currently amended) A dye-donor element having a dye-donor layer, wherein the dye-donor element comprises a stick preventative agent of alpha-methyl styrene, cyclotetrasiloxane, polyalkyleneoxide methylsiloxane, or a combination thereof, and wherein the dye-donor element, printed at a line speed of 2.0 ms/line or less, produces a defect-free image with a density of two or greater.
2. (original) The dye-donor element of Claim 1, wherein the stick preventative agent is in the dye-donor layer.
3. (original) The dye-donor element of Claim 1, further comprising at least one of a support, a dye-barrier layer, a slip layer, or an adhesive layer.
4. (original) The dye-donor element of Claim 3, wherein the support is $\leq 7 \mu\text{m}$.
5. (original) The dye-donor element of Claim 3, wherein the stick preventative agent is in the dye-donor layer and the slip layer.
6. (original) The dye-donor element of Claim 3, wherein the stick preventative agent is present in one or more of the support, dye-barrier layer, or adhesive layer.
7. (original) The dye-donor element of Claim 1, wherein the print speed is 1.5 ms/line or less.
8. (original) The dye-donor element of Claim 1, wherein the print speed is 1.0 ms/line or less.
9. (original) The dye-donor element of Claim 1, further having a dye to binder ratio of at least 0.6.

10. (original) The dye-donor element of Claim 1, wherein the stick preventative agent is added in an amount of from about 0.001 g/m² to about 0.01 g/m².

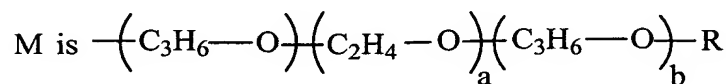
11. (original) The dye-donor element of Claim 1, wherein the stick preventative agent is added in an amount of from about 0.0003 g/m² to about 0.0015 g/m².

12. (currently amended) The dye-donor element of Claim 1, wherein the stick preventative agent is ~~a polydimethylsiloxane, a polyalkyleneoxide modified polydimethylsiloxane, an acrylic functional polyester modified polydimethylsiloxane, a dimethylsiloxane ethylene oxide block copolymer, a polyalkyleneoxidimethylsiloxane copolymer, a (polyethyleneoxide) siloxane, a cyclotetrasiloxane, an octamethylcyclotetrasiloxane, a phenylheptamethyl cyclotetrasiloxane, a polymethyltetradecylsiloxane, a polymethyloctadecylsiloxane, a methyl 3,3,3 trifluoropropylsiloxane, a polypropyleneoxide siloxane copolymer, an epoxy functional silicone, an amine functional silicone, an alpha-methyl styrene, a hexamethoxymethyl melamine, a polytetrafluoroethylene, or a combination thereof.~~

13. (original) The dye-donor element of Claim 1, wherein the stick preventative agent is a polyoxyalkylene-modified dimethylsiloxane graft copolymer of the formula:

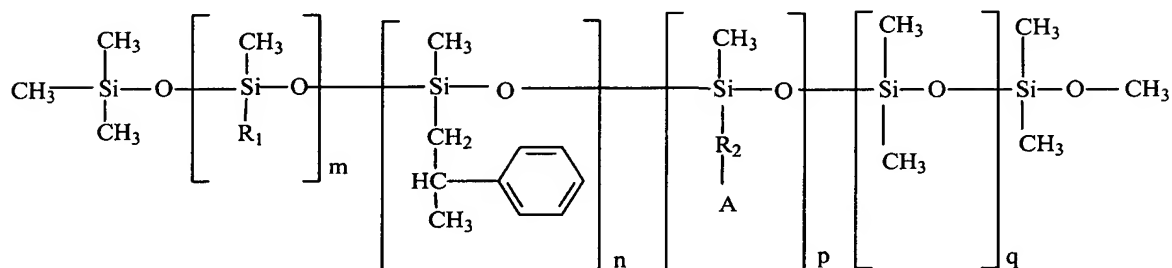


wherein



R represents hydrogen or an alkyl group having from 1 to about 4 carbon atoms; X is 0 to 10; Y is 0.5 to 2; a is 0 to 100; b is 0 to 100; and a+b is greater than 45.

14. (original) The dye-donor element of Claim 1, wherein the stick preventative agent is a siloxane polymer of the formula:



wherein R_1 is an alkyl chain of C_9H_{19} or greater, R_2 is an alkyl chain of C_3H_7 or greater, A is $NH-R_3$, $NHNH_2$, or $NHCO-R_3$, R_3 is an alkyl chain of C_2H_5 or greater, m is from about 0 to 95 weight percent, n is from about 0 to about 70 weight percent, and p is from 0 to about 40 weight percent, q is from 0 to 95 weight percent, with the proviso that when m is 0, then n is 0, and R_3 is an alkyl chain of C_8H_{17} or greater, otherwise when m is greater than 0, n is from 0.1 to 70 weight percent, based on the total weight of the stick preventative agent.

15. (currently amended) A dye-donor element having a dye-donor layer, wherein the dye-donor element comprises a stick preventative agent of alpha-methyl styrene, cyclotetrasiloxane, polyalkyleneoxide methylsiloxane, or a combination thereof, and wherein the dye-donor element, printed at a line speed of 2.0 ms/line or less, produces a defect-free image with a print to fail value of at least four.

16. (original) The dye-donor element of Claim 15, wherein the print to fail value is at least six.

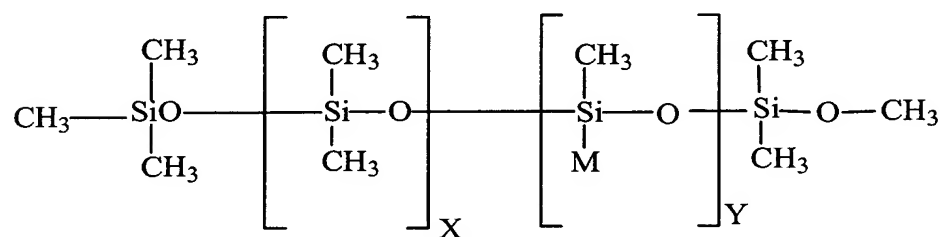
17. (original) The dye-donor element of Claim 15, wherein the image has a density of two or greater.

18. (original) The dye-donor element of Claim 15, wherein the stick preventative agent is in the dye-donor layer.

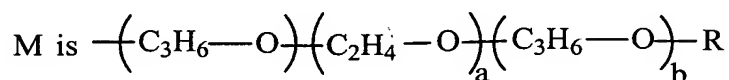
19. (original) The dye-donor element of Claim 15, further comprising at least one of a support, dye-barrier layer, a slip layer, or an adhesive layer.
20. (original) The dye-donor element of Claim 19, wherein the support is $\leq 7 \mu\text{m}$.
21. (original) The dye-donor element of Claim 19, wherein the stick preventative agent is present in the dye-donor layer and the slip layer.
22. (original) The dye-donor element of Claim 19, wherein the stick preventative agent is present in one or more of the support, dye-barrier layer, or adhesive layer.
23. (original) The dye-donor element of Claim 15, wherein the print speed is 1.5 ms/line or less.
24. (original) The dye-donor element of Claim 15, wherein the print speed is 1.0 ms/line or less.
25. (original) The dye-donor element of Claim 15, further having a dye to binder ratio of at least 0.6.
26. (original) The dye-donor element of Claim 15, wherein the stick preventative agent is added in an amount of from about 0.001 g/m^2 to about 0.01 g/m^2 .
27. (original) The dye-donor element of Claim 15, wherein the stick preventative agent is added in an amount of from about 0.0003 g/m^2 to about 0.0015 g/m^2 .
28. (currently amended) The dye-donor element of Claim 15, wherein the stick preventative agent is ~~a polydimethylsiloxane, a polyalkyleneoxide modified polydimethylsiloxane, an acrylic functional polyester modified polydimethylsiloxane, a dimethylsiloxane-ethylene oxide block copolymer; a polyalkyleneoxidimethylsiloxane copolymer; a (polyethyleneoxide)-siloxane, a cyclotetrasiloxane, an octamethylcyclotetrasiloxane; a phenylheptamethyl cyclotetrasiloxane; a polymethyltetradecylsiloxane, a polymethyloctadecylsiloxane, a~~

~~methyl 3,3,3-trifluoropropylsiloxane, a polypropyleneoxide-siloxane copolymer, an epoxy functional silicone, an amine functional silicone, an alpha-methyl styrene, a hexamethoxymethyl-melamine, a polytetrafluoroethylene, or a combination thereof.~~

29. (original) The dye-donor element of Claim 15, wherein the stick preventative agent is a polyoxyalkylene-modified dimethylsiloxane graft copolymer of the formula:

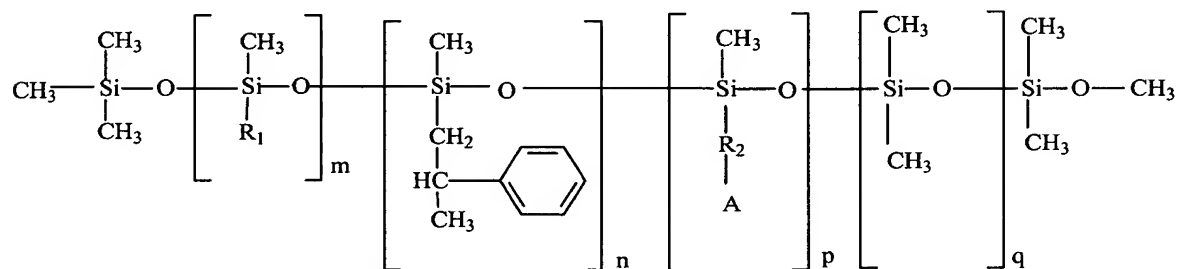


wherein



R represents hydrogen or an alkyl group having from 1 to about 4 carbon atoms; X is 0 to 10; Y is 0.5 to 2; a is 0 to 100; b is 0 to 100; and a+b is greater than 45.

30. The dye-donor element of Claim 15, wherein the stick preventative agent is a siloxane polymer of the formula:



wherein R₁ is an alkyl chain of C₉H₁₉ or greater, R₂ is an alkyl chain of C₃H₆ or greater, A is NH-R₃, NHNH₂, or NHCO-R₃, R₃ is an alkyl chain of C₂H₅ or greater, m is from about 0 to 95 weight percent, n is from about 0 to about 70 weight percent, and p is from 0 to about 40 weight percent, q is from 0 to 95 weight percent, with the proviso that when m is 0, then n is 0, and R₃ is an alkyl chain of C₈H₁₇ or greater,

otherwise when m is greater than 0, n is from 0.1 to 70 weight percent, based on the total weight of the stick preventative agent.

31. (original) A printing assembly comprising the dye-donor element of Claim 1 and a receiver element.

32. (original) A printing assembly comprising the dye-donor element of Claim 15 and a receiver element.

33. (currently amended) A method of printing an image comprising image-wise transferring dye from a dye-donor element to a receiver element, wherein the image-wise transfer occurs at a line speed of 2.0 ms/line or less, the image has a density of two or greater, and the dye-donor element comprises a stick preventative agent of alpha-methyl styrene, cyclotetrasiloxane, polyalkyleneoxide methylsiloxane, or a combination thereof.

34. (original) A method of printing an image comprising image-wise transferring dye from a dye-donor element to a receiver element, wherein the image-wise transfer occurs at a line speed of 2.0 ms/line or less, the dye-donor element has a print to fail value of at least four, and the dye-donor element comprises a stick preventative agent of alpha-methyl styrene, cyclotetrasiloxane, polyalkyleneoxide methylsiloxane, or a combination thereof.